BRUHAT BANGALORE MAHANAGARA PALIKE
DASARAHALLI ZONE

Name of Work: Construcion of Culvert near Egle Bekary Ganesha sawmill Road in Dasarahalli ward No:15

			Est. Cost Rs				#REF!	Lakhs	
Sl	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRB-2-2.2: **Earthwork excavation** for foundation of buildings, water supply, sanitary, lines and electrical conduits either in pits or in trenches 1.5 m and above in width, in hard soil not exceeding 1.5m. in depth including dressing the bottom and and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead up to 50 m. after breaking of clods complete as per specifications. Specification No. KBS 2.1(b) 2.3.5 Page No. 5/ Item No. 2.4/								
	Egal bekary Sujcatha Talkies side	Cum	1	7.00	2.00	1.00	14.00		
			1	4.50	2.00	1.00	9.00		
							23.00	288.36	**6632.00**
	Basic Rate	267.00							
	Add Area Weightage 8%	21.36							
	Total	**288.36**							
2	KSRB 4-1.3: Providing and laying in position **plain cement concrete of mix 1:4:8** with OPC cement @180 kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @0.57cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 (P.12/I.4.3) PWD - SR 2015-16)								
		Cum	1	7.00	2.00	0.15	2.100		
			1	4.50	2.00	0.15	1.350		
	Basic Rate	4695.00					**3.450**	5070.60	**17494.00**
	Add Area Weightage 8%	375.60							
	Total	5070.60							
3	KSRB-4-1.5 : Providing and laying in position plain cement concrete of mix M20 with OPC cement @ 300kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69cum and fine aggregates @ 0.43cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost all materials, labour, HOM of machinery, curing complete as per specifications.(Page No: 1, it:4.5)								
		Sqmt	2	7.00	0.30	0.85	3.570		
			2	4.50	0.30	0.85	2.295		
	Basic Rate	5548.00					**5.865**	5991.84	**35142.00**
	Add Area Weightage 8%	443.84							
	Total	5991.84							

Sl	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
4	KSRB 4.2.1: Providing and laying in position reinforced cement concrete of Design mix M25 with OPC cement @ 340 kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.70cum and fine aggregates @ 0.47cum, with super plastisiser @ 3liters confirming to IS9103-1999 Reaffirmed-2008 at machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspillars, posts, struts, buttresses, bed blocks, anchor blocks & plinth etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. (Excluding cost of steel, fabrication & plastering charges)(Page-13, itNo: 4.10)								
		Cum	1	7.50	2.00	0.30	4.50		
			1	4.50	2.00	0.30	2.70		
							7.20	6410.88	**46158.00**
	Basic Rate	5936.00							
	Add Area Weightage 8%	474.88							
	Total	**6410.88**							
5	KSRB 4-6.3: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness above 200 mm including cost of all materials, labour complete as per specifications.(Page No: 15, itno: 4.30)								
		Sqm	1	7.50	2.00		15.00		
			1	4.50	2.00		9.00		
							24.00	403.92	**9694.00**
	Basic Rate	374.00							
	Add Area Weightage 8%	29.92							
	Total	**403.92**							
6	KSRB 4.9.2: Providing T.M.T. steel reinforcement for R.C.C. work including straightening cutting, bending, hooking, placing in position, lapping and (or welding wherever required, trying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.(Page-17, itNo: 4.46.3)								
	item No: 3	Kgs	1	5.865	X	80.00	469.20		
	item No: 4		1	7.200	X	78.00	561.60		
							1030.80		
		Tonne				Say	**1.03**	70509.96	**72625.00**
	Basic Rate	65287.00							
	Add Area Weightage 8%	5222.96							
	Total	**70509.96**							
7	Disposal of debris to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work, lead 4 Km a) Basic rate for haulage of materials as per item No. 17.4/KSRRB : M100-4.1 ..... Rs. 2.00 Tonne/Km b) Average earth of work 1.28 Tonne/Km for Rs. 2.00/Km c) Add loading and unloading (Page 136 table) Page No. 133 Item No. 17.1 PWD SR 2015-16								
	Qnty vide itNo:1	Cum					**23.00**	78.24	**1799.00**
	Loding and unloding charges	62.20							
	Lead 4kms 2x1.28x4	10.24							
		72.44							
	Add Area Weightage 8%	5.80							
	Total	78.24							

Sl	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
##	Miscell[illegible]eous and UnforessenCharges								10456.00
								Total	200000.00

(Rupees. Two Lakhs Only)

CERTIFICATE:-

1 The Work spot has been inspected and the work is found to be necessary
2 The Estimate is prepared as per the PW,P & IWTD -SR-2015-16
3 The Provision made in estimate are adequate and essential.
4 This area comes under BBMP limits.

Assistant Engineer
Ward-15

Assistant Executive Engineer
T. Dasarahalli Sub-Division
B.B.M.P

Executive Engineer
Dasarahalli Division
B.B.M.P. Bangalore.

ನಂ.EE/DD/AS/20/2015-16 ದಿನಾಂಕ : 04/1/2016
ರೂ.2:00 Lakhs (Rupees Two Lakhs Only)
ಅಂದಾಜು ಪಟ್ಟಿಗೆ ಅನುಮತಿ ನೀಡಿದೆ
ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ.ದಾಸರಹಳ್ಳಿ ವಿಭಾಗ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು.

ನಂ.EE/DD/TS/20/2015-16 ದಿನಾಂಕ : 04/1/2016
ರೂ.2:00 Lakhs (Rupees Two Lakhs Only)
ಗೆ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ಅನುಮತಿ ನೀಡಿದೆ
ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ.ದಾಸರಹಳ್ಳಿ ವಿಭಾಗ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು